

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT



APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Big Indian 24-31-30-25			
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UNDESIGNATED			
4. TYPE OF WELL Gas Well <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME			
6. NAME OF OPERATOR PATARA OIL & GAS, LLC						7. OPERATOR PHONE 303 563-5364			
8. ADDRESS OF OPERATOR 600 17th Street Ste 1900S, Denver, CO, 80202						9. OPERATOR E-MAIL eeseeman@pataraog.com			
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU82597			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')			
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')			
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>			

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	1769 FSL 1070 FWL	NWSW	24	30.0 S	25.0 E	S
Top of Uppermost Producing Zone	1760 FSL 1065 FWL	SWSW	24	30.0 S	25.0 E	S
At Total Depth	773 FSL 515 FWL	SWSW	24	30.0 S	25.0 E	S

21. COUNTY SAN JUAN		22. DISTANCE TO NEAREST LEASE LINE (Feet) 1070		23. NUMBER OF ACRES IN DRILLING UNIT 640	
		25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1250		26. PROPOSED DEPTH MD: 5241 TVD: 5000	
27. ELEVATION - GROUND LEVEL 6310		28. BOND NUMBER UTB000428		29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE commercial	

Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	16	0 - 60	94.0	H-40 ST&C	11.6	Light (Hibond)	50	2.16	11.6
SURF	12.25	8.625	0 - 2500	32.0	J-55 ST&C	8.9	35/65 Poz	500	2.81	11.6
							Type III	100	1.47	14.2
PROD	7.875	4.5	0 - 5241	11.6	L-80 LT&C	9.1	35/65 Poz	363	2.16	12.5

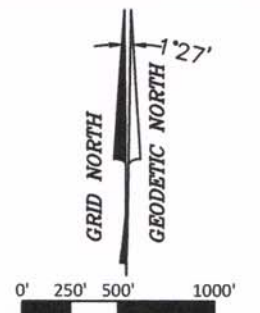
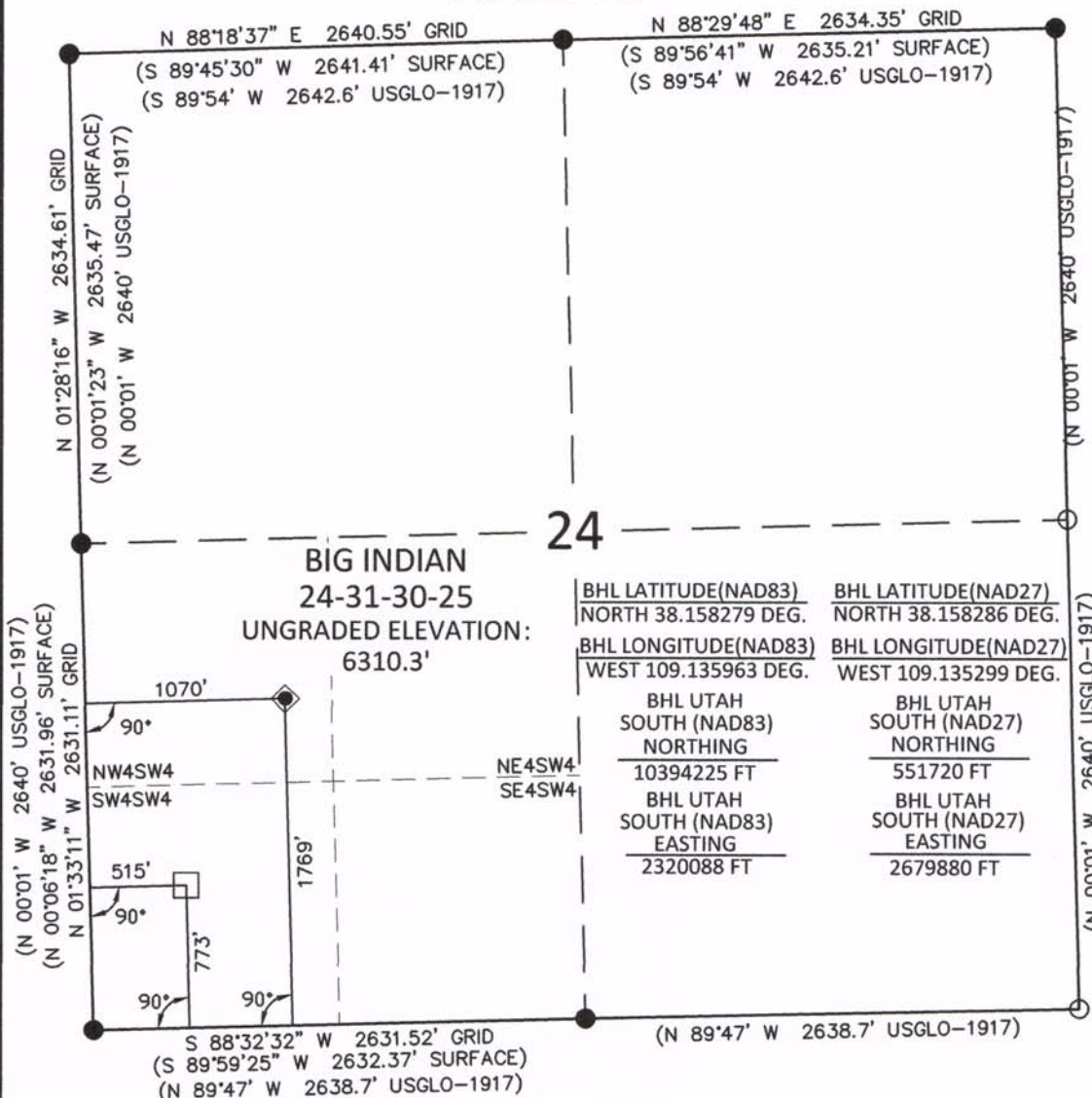
ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)	<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)	<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP

NAME Danielle Gavito	TITLE Regulatory Technician	PHONE 303 563-5378
SIGNATURE	DATE 12/21/2012	EMAIL dgavito@pataraog.com
API NUMBER ASSIGNED 43037500410000		
APPROVAL Permit Manager		

R. 25 E.



T. 30 S.

LOCATION

SHL LATITUDE (NAD83)
NORTH 38.161014 DEG.
SHL LONGITUDE (NAD83)
WEST 109.134041 DEG.

SHL UTAH
SOUTH (NAD83)
NORTHING

10395234.01 FT
SHL UTAH
SOUTH (NAD83)
EASTING

2320615.72 FT
SHL LATITUDE (NAD27)
NORTH 38.161022 DEG.
SHL LONGITUDE (NAD27)
WEST 109.133376 DEG.

SHL UTAH
SOUTH (NAD27)
NORTHING

552729.33 FT
SHL UTAH
SOUTH (NAD27)
EASTING

2680407.08 FT

SURVEYOR'S STATEMENT

I, William H. Dolinar, Professional Land Surveyor, UT RLS #7200155-2201 hereby certify that (in accordance with a request from Danielle Gavito with Patara Oil & Gas, LLC) I and or personnel under my direction made a survey on the 2nd day of October 2012, for the Surface Hole Location and Elevation as shown, being located within the NW1/4SW1/4 of SECTION 24, T30S, R25E of the Salt Lake Meridian, San Juan County, Utah of the BIG INDIAN 24-31-30-25 being staked on the ground as shown hereon.

NOTES

- (1.) Basis of Datum is the Utah State Plane Coordinate System, South Zone, NAD83 from GPS observations derived from OPUS observations at WHS 1-1/2" al. cap, "CP 30-25-23" at North 10392479.99 FT, East 2317045.82 FT.
- (2.) Vertical Datum used is of NAVD 88 referenced to said WHS control point CP 30-25-23, Elevation 6394.90 feet.
- (3.) The Basis of Bearings for this survey is Grid North as referenced to the west line of the shown SW4 of SECTION 24 monumented as shown and bearing N 1° 33' 11" W.

LEGEND

- ◆ STAKED SURFACE HOLE LOCATION
- APPROXIMATE BOTTOM HOLE LOCATION
- FOUND 2-1/2" BRASS CAP SET FOR SECTION CORNER BY THE BLM IN 1916.
- CORNER POSITION CALCULATED FROM RECORD DIMENSIONS ON USLGO SURVEY PLAT APPROVED ON MAY 8, 1917.

CONFIDENTIALITY NOTES:

The information contained in this plat is legally privileged and confidential information intended only for the use of the recipients. If you are not the intended recipients, you are hereby notified that any use, dissemination, distribution or copying of this information is strictly prohibited.



BIG INDIAN 24-31-30-25 PAD



WILLIAM H. SMITH & ASSOCIATES P.C.
SURVEYING CONSULTANTS

550 EAST SECOND NORTH PHONE: 307-875-3638
GREEN RIVER, WY 307-875-3639

www.whsmithpc.com

PLAT OF DRILLING LOCATION
FOR

PATARA OIL & GAS, LLC

1769' F/SL & 1070' F/WL, SECTION 24

T. 30 S., R. 25 E., SALT LAKE P.M.

SAN JUAN COUNTY, UTAH

JOB NO: 2011900.011

REVISIONS:

DATE DRAWN - BY: 10/10/12 - rcr

SCALE: 1" = 1000'

EXHIBIT 1

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